

(DEEMED TO BE **UNIVERSITY**)
(NAAC Accredited "A" Grade)

About K L E F

Established in 1980, KLEF is a pioneer in the field of Engineering education and research in India. K L E F has been declared as Deemed to be University by MHRD, Government of India and accredited by National Assessment and Accreditation Council(NAAC) as "A" grade University. It is recognized by the Department of Scientific and Industrial Research (DSIR) as Public Funded Research Institute(PFRI). It also has collaborations for conducting Joint research with a number of Institutes around the globe. It received " The best educational Institute award in engineering" by Asian Confederation of Business. KLEF offers 10 UG programs, 14 PG programs, 28 Integrated Degree programs and a dual degree program in addition to the research program in 14 disciplines.

About The Department

The Department of Electronics and Computer Engineering was started in the academic year 1999 and later renamed as Electronics and Computer Science Engineering in 2016. This discipline is a unique, featuring the courses of both Computer Science Engineering and Electronics Engineering.

The department has eminent faculty from both areas to equip the students with the current technological trends. The Department has a well equipped with Embedded Systems and IoT Laboratories. Active Research is going on in Embedded Systems, Internet of Things, Cyber Security and Web Technologies. Apart from this, the department also has a computer centre that is equipped with state-of-the-art computer systems.

Objective of the Workshop

The purpose of the workshop is to provide in depth knowledge and skills to protect their information assets. The sessions will immerse candidates into an interactive environment where they will acquire understanding of various computer and network security threats such as identity theft, credit card fraud, online banking phishing scams, virus and backdoors, emails hoaxes, loss of confidential information, hacking attacks and social engineering. More importantly, the skills learnt from the session helps participants take the necessary steps to mitigate their risks.

This workshop is a combination of theory and hands on. As a computer user, especially one with a connection to the Internet, malicious users on other machines who could be sitting on another continent specially target you. This workshop will teach you about how you can better secure your data, identify threats, and survive and recover from computer attacks.

Expected Outcomes

After successful completion of this program, students will be able to:

- Understand the concept of cybercrime and its effect on outside world.
- Identify and mitigate software security vulnerabilities in existing systems.
- Apply tools and techniques to detect and analyze various attacks.
- Apply Information Security during software design and development.
- Learn the skills and knowledge required to support and secure network environments.

DAY 1

- Introduction to Cyber World
- Introduction to Cyber Security
- Introduction to threats on Cyber World
- Introduction to Ethical Hacking
- Footprinting
- Case study Examples

DAY 2

- System Hacking
- Countermeasure to prevent System Hacking & Footprinting
- Social Engineering
- Case Study Examples
- Real World Case Study using System Hacking & Footprinting

DAY 3

- Tools Hacker used to get into your System by finding loopholes
- Protecting yourself from Social Engineering and Security Threats
- Case Study Examples

Resource Persons (CEH and E.C Council Certified Instructors)

Mr. Rahul Gupta

Mr. Mukesh Kumar

Mr. Mudit Mathur

Mr. Jeetu Singh

Resource persons are well versed and have conducted trainings for over 450+ batches. Workshop Instructors are working with RCPL (Training Partner to ICT- IIT Kanpur), the largest training company in India with over 22+ Years of experience in the field of education

Registration fee details

Students/Research Scholars: ₹ 1000

Registration fee can be paid to convenor by cash or through DD can be drawn in favor of "Registrar, KLEF".

Participation Certificate will be issued to every registered participant.